

POWER SAVING DEVICE

ABSTRACT OF THE DISCLOSURE

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The present invention is a power saving device disposed in a mouse
5 and comprises at least one sensor both contacts of which connect to a
battery and a signal emitter respectively, and one window disposed on an
upper surface of a mouse housing. The sensor is in the mouse housing
disposed under the window and uses the battery as an operating power
supply. When the user holds the mouse and blocks the window, the
10 sensor receives a correct signal and connects the operating power supply
of the signal emitter to make the mouse operate normally. When the
user does not use the computer for a while and the mouse is in a
suspending mode, the sensor receives an incorrect signal to disconnect
the operating power supply so the signal emitter of the mouse does not
15 need to perform scanning continuously any more. In the meantime, the
battery with a very small amount of power supplies the sensor and, thus,
the life of the battery is increased.